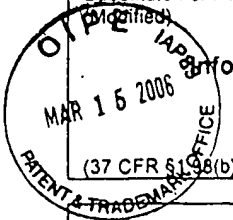


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		Filing Date July 29, 2003	Group Art Unit 3673

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1						
	A2						
	A3						
	A4						
	A5						
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	A8						
	A9						
	A10						
	A11						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1							
	B2							
	B3							
	B4							
	B5							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
JK	C1	Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability (1 page), International Preliminary Report on Patentability (1 page), and Written Opinion of the International Searching Authority (5 pages) mailed February 9, 2006 for International Application No. PCT/US2004/024518
	C2	
	C3	
	C4	

Examiner Signature <u>JK /John Kreck/ (09/20/2006)</u>	Date Considered
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	C111	S.D. Joshi, "A Review of Horizontal Well and Drainhole Technology," SPE 16868, Society of Petroleum Engineers, Copyright 1987, 17 pages
JK	C112	R. Bitto, A.B. Henderson and L. Broussard, "Recent Case Histories of New Well Applications for Horizontal Drilling," SPE 21262, Society of Petroleum Engineers, Copyright 1990, 12 pages

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-043001	Application No. 10/630,345
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Joseph A. Zupanick	
		Filing Date July 29, 2003	Group Art Unit 3673

Other Documents (include Author, Title, Date, and Place of Publication)		
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JK	C113	M.R. Konopczynski, John Hughes and J.E. Best, "A Novel Approach to Initiating Multi-Lateral Horizontal Wells," SPE/IADC 29385, Society of Petroleum Engineers, Copyright 1996, 11 pages
	C114	Kelly Falk and Craig McDonald, "An Overview of Underbalanced Drilling Applications in Canada," SPE 30129, Society of Petroleum Engineers, Copyright 1995, 9 pages
	C115	"Evolution Toward Simpler, Less Risky Multilateral Wells," WORLD OIL, prepared from paper SPE/IADC 67825 by Adam Pasicznyk, June 2001, 8 pages
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	C121	David Hill, Eric Neme, Christine Enlig-Economides and Miguel Mollinedo, "Reentry Drilling Gives New Life to Aging Fields," OILFIELD REVIEW, Autumn 1996, 14 pages
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	C124	Margaret A. Adams, Jeanne L. Hewitt and Rodney D. Malone, "Coalbed Methane Potential of the Appalachians," SPE/DOE 10802, Society of Petroleum Engineers, Copyright 1982, 10 pages
	C125	F.C. Schwerer and A.M. Pavone, "Effect of Pressure-Dependent Permeability on Well-Test Analyses and Long-Term Production of Methane From Coal Seams," SPE/DOE/GRI 12857, Society of Petroleum Engineers, Copyright 1984, 10 pages
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	C139	HANDBOOK ON COAL BED METHANE PRODUCED WATER: MANAGEMENT AND BENEFICIAL USE ALTERNATIVES, prepared by ALL Consulting, July 2003, 321 pages
	C140	Nikola Maricic, "Parametric and Predictive Analysis of Horizontal Well Configurations for Coalbed Methane Reservoirs in Appalachian Basin," Thesis, West Virginia University, Department of Petroleum and Natural Gas Engineering, 2004, 162 pages
	C141	Nikola Maricic, Shahab D. Mohaghegh, and Emre Artun, "A Parametric Study on the Benefits of Drilling Horizontal and Multilateral Wells in Coalbed Methane Reservoirs," SPE 96018, Society of Petroleum Engineers, Copyright 2005, 8 pages
	C142	D.P. Schlick and J.W. Stevenson, "Methane Degasification Experience at Jim Walter's," Proceedings of the Twelfth Annual Institute on Coal Mining Health, Safety and Research, August 25-27, 1981, 9 pages
	C143	P.C. Thakur, "Optimum Methane Drainage in Gassy Coal Mines," 2003 SME Annual Meeting, copyright 2003 by SME, 4 pages
	C144	Global Methane and the Coal Industry: A Two-Part Report on Methane Emissions from the Coal Industry and Coalbed Methane Recovery and Use, Coal Industry Advisory Board, International Energy Agency, copyright 1994, 72 pages
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	C146	Notification of Transmittal of the International Preliminary Report on Patentability (1 page), International Preliminary Report on Patentability (7 pages) and Amended Sheets (10 pages for International Application No. PCT/US2004/012029 mailed August 11, 2005
JK	C147	Pratt et al., U.S. Patent Application entitled "Cavity Well System," S/N 11/141,335, May 31, 2005, 19 pages

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